| Application Number           | Application/Control No. 09/923,433                    |                       | Applicant(s)/Patent under Reexamination KOYAMA ET AL. |  |  |  |  |
|------------------------------|---|-----------------------|---|--|--|--|--|
| Document Code - DISQ         | Internal Doo  | ocument – DO NOT MAIL |   |  |  |  |  |
|                              |   |                       |   |  |  |  |  |
| TERMINAL<br>DISCLAIMER       | ⊠ APPROVED  |                       | ☐ DISAPPROVED   |  |  |  |  |
| Date Filed : October 2, 2006 | This patent is subject<br>to a Terminal<br>Disclaimer |                       |   |  |  |  |  |
|                              |   |                       |   |  |  |  |  |
| Approved/Disapproved by:     |   |                       |   |  |  |  |  |
| Henry D. Jefferson           |   |                       |   |  |  |  |  |

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## T.D. INFORMAL MEMO: DO NOT MAIL THIS MEMO TO APPLICANT

| Date:   |                   |  | 11-Nov-06   | APPL. S. N:   | 09923433  |  |  |  |
|---|-------------------|--|---|---|---|--|--|--|
| To Exam   | iner:             |  | CHANG, KENT WU  | Art Unit  | 2629  |  |  |  |
| From  |                   |  | Jefferson, Henry<br>PARALEGAL SPCECIALIST                   | Return This Memo To: Case<br>Drop-Off Location  | JEF-2D68  |  |  |  |
| SUBJEC.   | <b>r:</b> Decisio | n on Terminal  | Disclaimer(T.D.) filed:                                     |   |   |  |  |  |
| form para<br>or have a  | agraphs ion       | dentified by th<br>ions, please se   | is informal memo in your ne<br>se me or the Special Progran | e results as set forth below. If you a<br>ext Office action to notify applicant o<br>n Examiner. THIS IS AN INFORMAL,<br>OF RECORD IN THE APPLICATION F | of the T.D. If you disagree INTERNAL MEMO ONLY. |  |  |  |
| please in   | itial, date       | and return thi   | is memo to me. THANK YOU                                    | J.  |   |  |  |  |
| $oldsymbol{\subseteq}$  | The T.D.          | is PROPER and  | d has been recorded (see 14                                 | 1.23).  |   |  |  |  |
|   | The T.D.          | D. is NOT PROPER and has not been accepted for the reason(s) checked below (see 14.24):  |   |   |   |  |  |  |
|   |                   | The TD fee of has not been submitted nor is there any authorization in the application file for the use of a deposit account   |   |   |   |  |  |  |
|   | Γ.                | The T.D. does not satisfy Rule 321 in that the person who has signed the T.D. has not stated the extent of his/her interest (and/or the extent of the interest of the business entity represented by the signature) in the application/patent (see 14.26 & 14.26.01).  |   |   |   |  |  |  |
|   |                   | The T.D. lacks the enforceable only during common ownership clause – needed to overcome a non-statutory double patenting rejection, Rule 321(b) (see 14.27.01).  |   |   |   |  |  |  |
|   | Г                 | The T.D. is directed to a particular claim(s), which is not acceptable since "the disclaimer must be for a terminal portion of the term of the entire patent to be granted" (MPEP 1490) (see 14.26 & 14.26.02).  |   |   |   |  |  |  |
|   |                   | The person who signed the T.D.:  |   |   |   |  |  |  |
|   |                   | is no  | ot an attorney "of record" (se                              | ee 14.29 and 14.29.01).   |   |  |  |  |
|   |                   | has  | failed to state his/her capac                               | ity to sign for the business entity (s  | ee 14.28).                                      |  |  |  |
|   |                   | is no  | ot recognized as an officer of                              | f the assignee (see 14.29 & possible  | 2 14.29.02).                                    |  |  |  |
|   |                   | No documentary evidence of a chain of title from the original inventor(s) to assignee has been submitted, nor is the reel and frame number specified as to where such evidence is recorded in the Office (see 37 CFR 3.73(b) and 1140 O.G. 72). NOTE: This documentary evidence or the specifying of the reel and frame number may be found in the T.D. or in a separate paper of record in the application (see 14.30). |   |   |   |  |  |  |
|   |                   | The T.D. is no   | t signed (see 14.26 & 14.26                                 | 5.03).  |   |  |  |  |
|   |                   | The serial number of the application (or the number of the patent) which forms the basis for the double patenting rejection is missing or incorrect (see 14.32).   |   |   |   |  |  |  |
|   | Γ                 | The serial number of this application (or the number of the patent in reexam or reissue cases being disclaimed is missing or incorrect (see 14.26, 14.27.02 or 14.26.05).  |   |   |   |  |  |  |
|   |                   | The period dis   | sclaimed is incorrect or not s                              | specified (see 14.26, 14.27.02 or 14  | .26.03).  |  |  |  |
|   |                   | Other:   |   |   | 420   |  |  |  |
|   | 匚                 | Suggestion to<br>and do not ch   | ,                     | . NOTE: If already authorized, credi  | t refund to deposit account                     |  |  |  |
| I have appropriately notified applicant(s) of the status of the Terminal Disclaimer filed in this case. |                   |  |   |   |   |  |  |  |
| Ex.Initial  | s:                | Date   | 2:  |   | Log Date:                                       |  |  |  |
|   |                   |  |   |   |   |  |  |  |

Attorney's Docket No.: 12732-064001 / US5158/5166.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant & Jun Koyama et al. Art Unit : 2629

Serial No.: 09/923,433 Examiner: Amare Mengistu

Filed August 8, 2001 Conf. No.: 9952

Title LIQUID CRYSTAL DISPLAY DEVICE, METHOD OF DRIVING THE SAME,

AND METHOD OF DRIVING A PORTABLE INFORMATION DEVICE

HAVING THE LIQUID CRYSTAL DISPLAY DEVICE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## TERMINAL DISCLAIMER UNDER 37 C.F.R. §§ 3.73(b) AND 1.321(b)

Pursuant to 37 C.F.R. § 3.73(b), SEMICONDUCTOR ENERGY LABORATORY CO., LTD., a corporation, certifies that it is the assigned of the entire right, title, and interest in the above-referenced application by virtue of:

An assignment from the inventors of the above-referenced patent application.

The assignment was recorded in the Patent and Trademark Office at Reel 012308, Frame 0405 on August 8, 2001.

To the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned is empowered to act on behalf of the assignee.

Pursuant to 37 C.F.R. § 1.321(b), and to obviate a double patenting rejection, the assigned identified above hereby waives and disclaims the terminal portion of the term of the entire patent to be granted upon the above-referenced application subsequent to the expiration date of U.S. Patent No. 6,987,496, provided that any patent granted on the above-referenced application shall be enforceable only for and during such period that it is commonly owned with U.S. Patent No. 6,987,496.

The assignee identified above does not disclaim any terminal part of any patent granted on the above-referenced application prior to the expiration date of the full statutory term of U.S. Patent No. 6,987,496 in the event that it later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid, is statutorily disclaimed in whole or terminally disclaimed under 37 C.F.R. § 1.321(a), has all claims cancelled by a reexamination certificate, or is otherwise terminated prior to expiration of its statutory term, except for the separation of legal

Attorney's Docket No.: 12732-064001 / US5158/5166

Applicant : Jun Koyama et alşêrial:No. : 09/923,433 Filed : August 8, 2001

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title as stated above. Assignee herein does not disclaim or otherwise affect any part of U.S. Patent No. 6,987,496.

This disclaimer runs with any patent granted on the above application and is binding upon the grantee, its successors or assigns.

The \$130 fee required by 37 C.F.R. § 1.20(d) is being paid on the Electronic Filing System (EFS) by way of Deposit Account authorization. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 10/2/06

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